SPK-AL-NAVI600

User’s Manual

English Version
R01
Nov. 2005

Trademarks
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Note
The information in this manual is subject to change without notice.

Before You Begin

※ Precautions and Notices

※ For your own safety, do not operate the controls of the product while driving.

※ Use this product prudently. The product is intended to be used only as a navigation aid. It is not for precise measurement of direction, distance, location or topography.

※ The calculated route is for reference only. It is the user's responsibility to follow the traffic signs and local regulations along the roads.

※ When you get off the car, do not leave your device on the dashboard that is subject to direct sunlight. The overheating of the battery can cause malfunction and/or danger.

※ GPS is operated by the United States government, which is solely responsible for the performance of GPS. Any change to the GPS system can affect the accuracy of all GPS equipments.

※ GPS satellite signals cannot pass through solid materials (except glass). When you are inside a tunnel or building, GPS positioning is not available.

※ A minimum of 4 GPS satellite signals is needed to determine current GPS position. Signal reception can be affected by situations such as bad weather or dense overhead obstacles (e.g. trees and tall buildings).

※ The wireless devices might interfere the reception of satellite signals and cause the reception of the signal to be unstable. For better signal reception, it is recommended that you use a car antenna (option).

※ A car holder is needed when using the device in a car. It is recommended that you place the device in an appropriate place, so as not to obstruct the driver's view, or deployment of airbags.

※ Overview

GPS Navigation Features

※ Electronic maps with roads, freeways, highways, railways, rivers, lakes, points of interest, etc.
※ GPS positioning
※ Optimal route calculation and trip plan
※ Friendly and efficient navigation with turn-by-turn, voice, and visual guidance
※ Various ways for searching a location on the map
- Using a known address
- Using a POI (point of interest)
- Using Favorites (personal stored locations)
- Using History (previous destinations)
※ Recording and playback of journeys
※ Viewing modes for different needs and situations:
- 2D or 3D
- Daytime or nighttime view
- Turn-by-turn view of the route
- Driving direction of the route

Other Features

※ MP3 Player: playing MP3 music.
※ Photo Viewer
※ Mpeg 4 Player: playing Mpeg 4
※ Calculator

About this Manual

This manual is divided into four major parts:
※ Part I “Basic Operations” tells you how to get your device running and customize system settings.
※ Part II “GPS Navigation” tells you how to use the GSP navigation functions.
※ Part III “More Tools” introduces MP3 Player and data transfer tools.
※ Part IV “References” gives guidelines on troubleshooting and maintenance and provides the regulatory information.

Part I. Basic Operations

Part I guides you through the process of getting your device running, familiarizes you with the external components, and tells you how to customize system settings

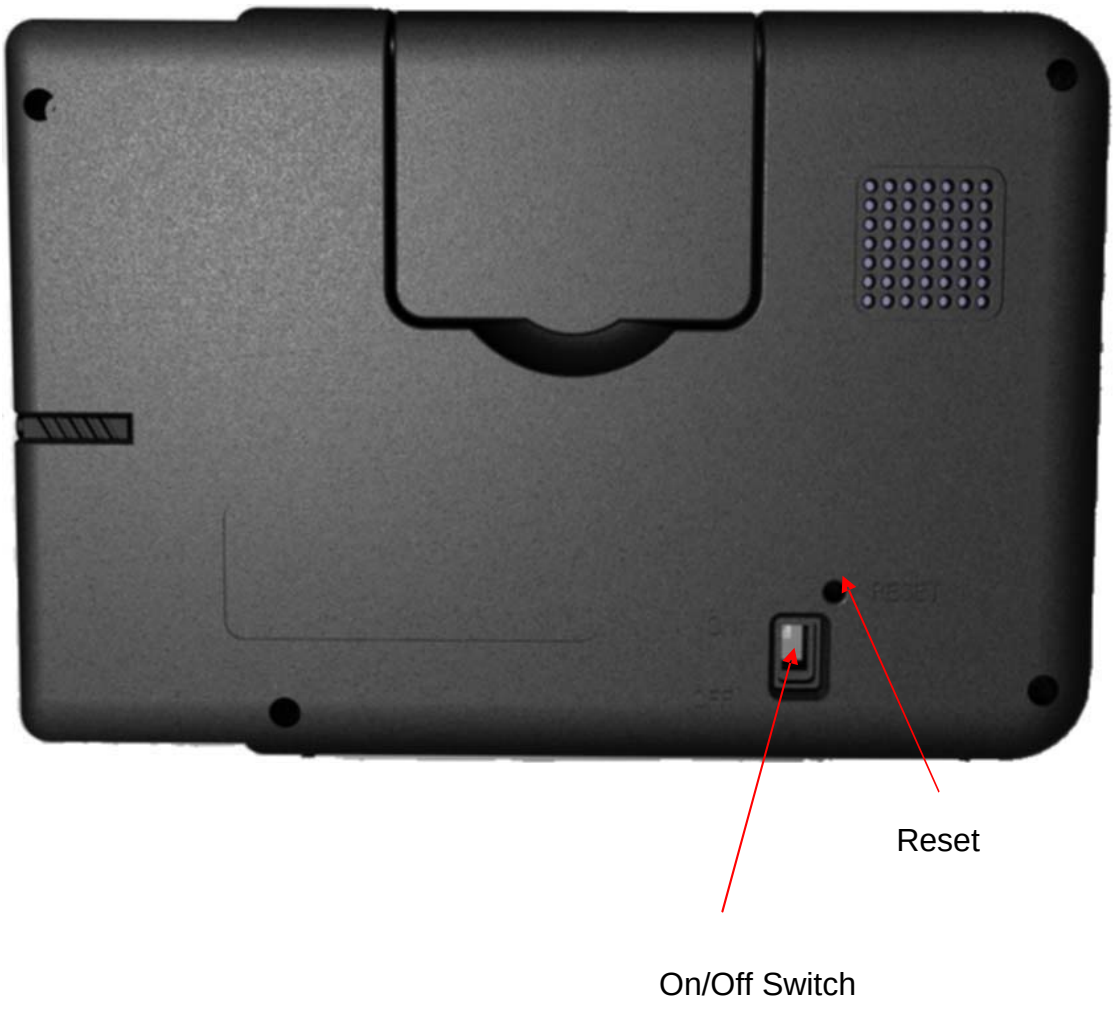
1. Getting Started

This chapter tells you step by step how to perform the initial startup and introduces you to the external components of your device.

1.1 Setting the ON/OFF Switch

The ON/OFF switch should be set to the ON position for normal operation. Pull out the stylus pen and use it to slide the ON/OFF switch to the ON (left) position.

CAUTION: Always leave the ON/OFF switch in the ON position for normal operation.



1.2 Connecting to AC Power and Charging the Battery

Fully charge the battery before using your device for the first time.

1. Slide and click the connector converter onto the AC adapter.
2. Connect the adapter cable to the bottom of your device.
3. Plug the AC adapter into a wall outlet.

※ The charge indicator glows amber when charging is in progress. Do not disconnect your device from AC power until the battery is fully charged, when the charge indicator turns green. This will take a couple of hours.

1.3 Using Your Device in a Vehicle

A car holder and a car charger are supplied with your device.

Using the Car Holder

※CAUTION:

1.Select an appropriate location for the car holder. Never place the holder where the driver's field of vision is blocked.

2.If the car's windshield is tinted with a reflective coating, an external antenna (optional) may be needed to route the antenna to the top of the car through a window. When closing the car window, be careful not to pinch the antenna cable. (Cars with an anti-jam window design may automatically leave adequate space as needed.)

The car holder consists of a bracket and a dashboard stand. Use the car holder to mount your device in a vehicle.

Connecting the Car Charger

The car charger supplies power to your device when you are using the device in a car.

※CAUTION : To protect your device against sudden surges in current,

connect the car charger only after the car engine has been started.

1.Connect one end of the car charger to the power connector of your device.
2.Connect the other end to the cigarette lighter in the car to power and charge your device.

1.4 Understanding Hardware Features

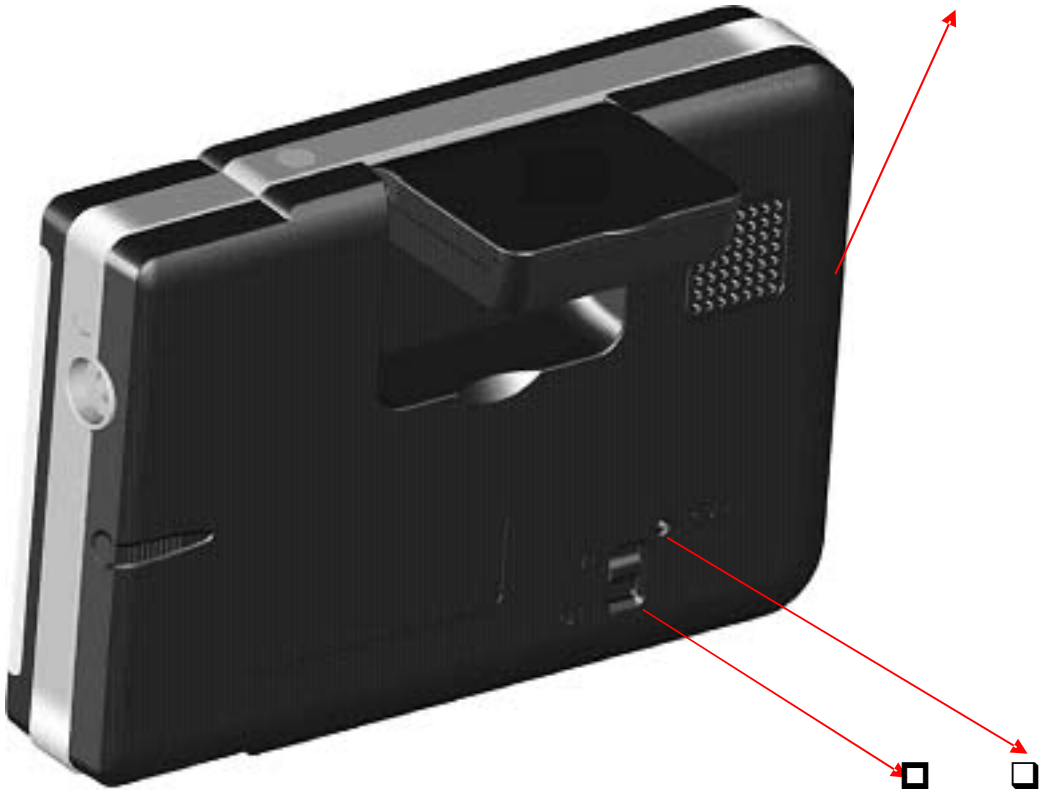
NOTE: Depending upon the specific model purchased, the color of your device may not exactly match the device shown in this manual.

Front Components

Ref	Component	Description
■	**Charge Indicator**	Glows bright amber to indicate that the battery is charging, and turns green when the battery is fully charged.

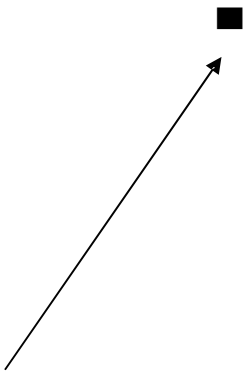
☐	**Touch Screen**	Displays the output of your device. Tap the screen with the stylus pen to select menu commands or enter information.
☐	**Hardware Buttons**	Power On/Off
		Back
		Zoom In
		Zoom Out
		Navigation Settings
		Stop Voice
❑	**Navigation Pad**	Moves up, down, left or right by pressing the corresponding area of the pad.
		Selects highlighted item by pressing in the center.

Back Components



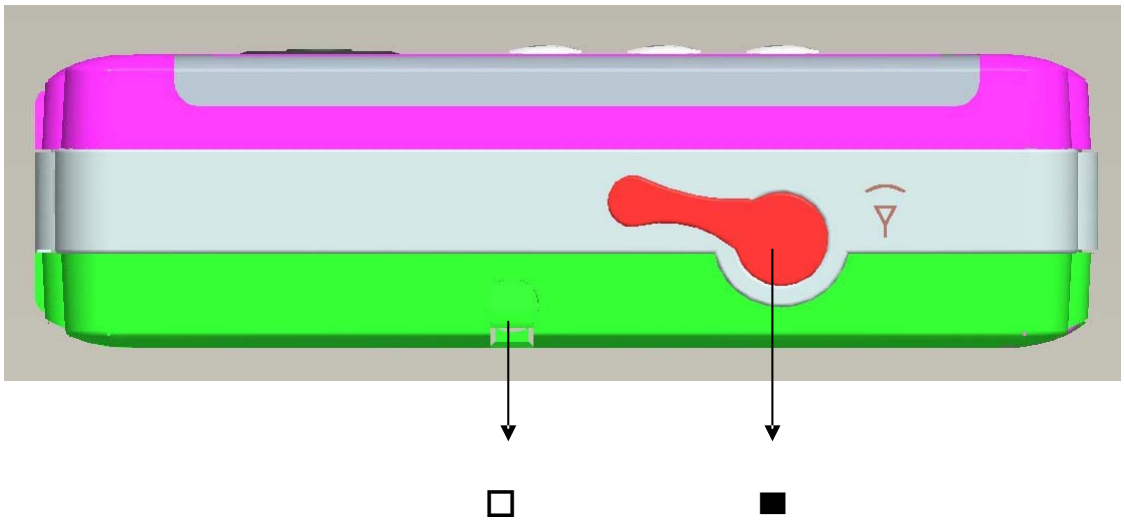
Ref	Component	Description
■	**GPS Antenna**	Receives signals from the GPS satellites overhead. It should be lifted up to the horizontal position for normal operation.
☐	**Speaker**	Sends out music, sounds and voice.
❑	**ON/OFF Switch**	The main power/battery cutoff switch.
❑	**Reset Button**	Restarts your device (soft reset).

Left-Side Components



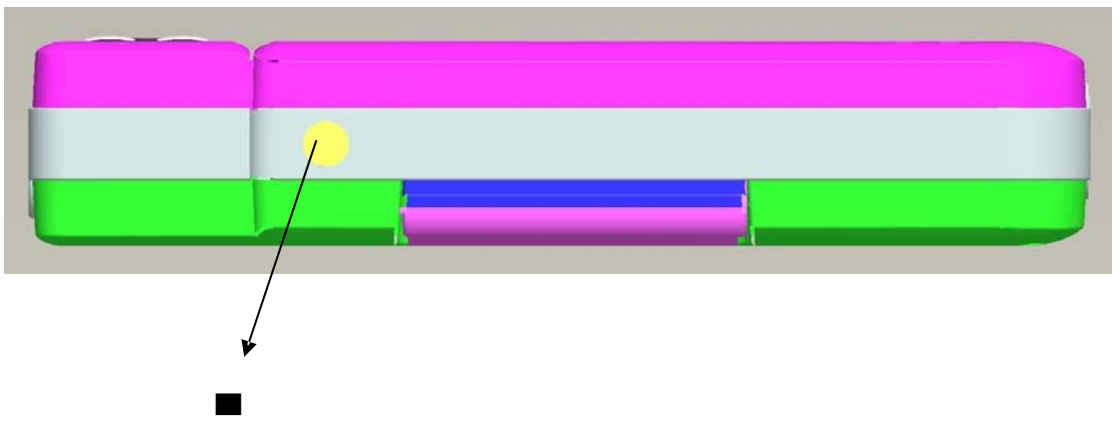
Ref	Component	Description
■	**SD/MMC Slot**	Accepts a SD (Secure Digital) or MMC (MultiMediaCard) card for accessing data such as maps and MP3 music. **NOTE:** Before using GPS navigation software and maps, you need to insert the storage card included with your device. Do not remove the card during GPS operation.
□	**Headphone Connector**	Connects to stereo headphones.
□	**Mini USB Connector**	Connects to the computer for data transfer.

Right-Side Components



Ref	Component	Description
■	**External Antenna Connector**	This connector (under rubber dust cover) allows use of an optional external antenna with magnetic mount, which may be positioned on top of the car for better signal reception in areas with poor reception.
□	**Stylus Pen**	Tap on the touch screen to make selections and enter information. Pull the stylus pen out of its slot to use it, and store it in the slot when not in use.

Top Components



Ref	Component	Description
■	**Light Sensor**	Automatically detect the strength of lighting

Bottom Components

Ref	Component	Description
■	**Power Connector**	Connects to the AC adapter.
□	**Hold Button**	When hold on the button, it will freeze the operation.

2. Basic Skills

This chapter guides you through the process of using your device and familiarizes you with the basic operations such as using the stylus pen and navigation pad..

2.1 Turning On and Off Your Device

Use the power button on the front of your device to turn on and off

your device.

When you turn on the device for the first time, the Main screen appears as shown below. There are six buttons on the Main screen: Navigation, Photo, MP3, Video, Calculator and Setup. Each button represents a function or feature. To use a function, just tap the corresponding button. (For more information, refer to the following chapters.)

When you press the power button to turn off the unit, your device actually enters a suspend state and the system stops operating. Once you turn on the system again, it resumes.

2.2 Operating Your Device

To operate your device, use the hardware buttons and/or the stylus pen.

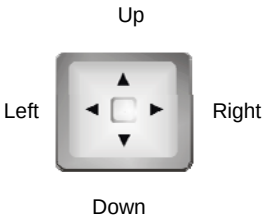
Using Hardware Buttons

Button	Name	Description
	Power On/Off	Turns on and off the device.
	Back	※Goes back to the previous screen. ※Goes to the map screen while in a Navigation Settings screen.

	Zoom In	Increases the map scale
	Zoom Out	Decreases the map scale.
	Navigation Settings	Access to different navigation related tools categorized under Destinate, View and Options menu screens.Press button repeatedly to cycle through the available menus.
	Stop Voice	Mute the voice.

Using the Navigation Pad

With the navigation pad, you can move up, down, left and right within a menu.
To move in a direction, simply press the corresponding arrow on the button. To activate the selected item, press the center of the button.



Stylus Pen

The stylus pen is your input device. You use it to select objects such as command and option on the screen.
Pull the stylus pen out of the slot and extend it for ease of use. Store it in the slot when not in use.

You can use the stylus pen to do the following actions:

- Tap
  Touch the screen once with the stylus pen to open items or select options.
- Drag
  Hold the stylus pen on the screen and drag up/down/left/right or across the screen.
- Tap and hold
  Tap and hold the stylus until an action is complete, or a result or menu is shown.

3. System Settings

Your device is supplied with default settings. You may also customize the settings to suit your personal needs. Once you change settings, your new settings will remain until either you change them again, or until battery cutoff switch is turned off and then back on again, which resets the unit to factory defaults.

3.1 Using System Settings

Tap the Setup button on the Main screen.

The Setup screen contains six buttons as shown below. The following sections describe these six buttons and their functions.

3.2 Brightness

1. Tap Setup on the Main screen.
2. Tap the Brightness button on the Setup screen.

3. After you have made changes, press the mark button to save the changes and exit the screen.

Adjusting the Brightness

Tap the bulb button to adjust.

※To darken the screen, tap the left bulb button.
※To lighten the screen, tap the right bulb button.

Setting the Idle Time

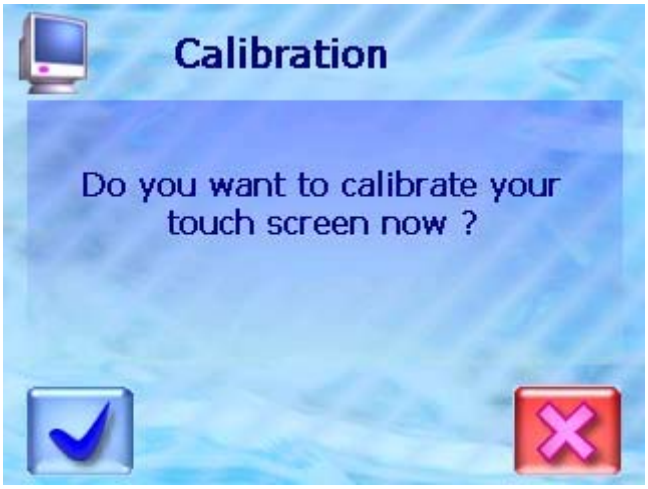
You can set a timer to automatically turn off your device when it is idle for a set period of time.

Tap the Idle Time box and select the time. The options are 15 secs, 30 secs, 1 minute, 2 minutes, 3 minutes….etc

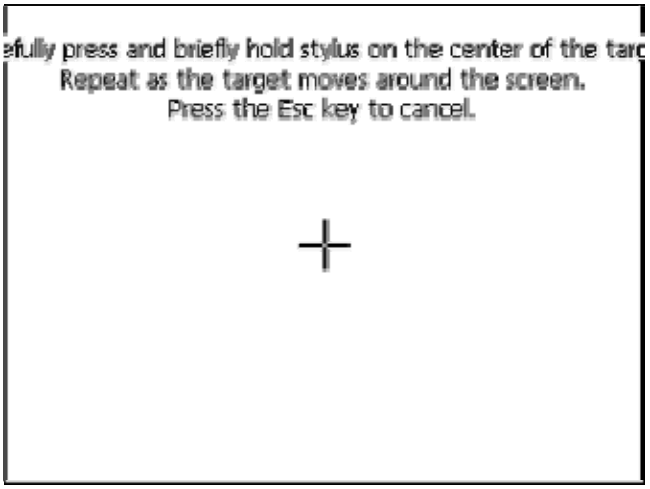
3.3 Calibration

You can calibrate the touch screen if it is not responding accurately to your stylus pen taps.

1. Tap Setup on the Main screen.
2. Tap the Calibration button on the Settings screen.



3. Tap and hold the center of the target.


efully press and briefly hold stylus on the center of the tarc
Repeat as the target moves around the screen.
Press the Esc key to cancel.

4. When the target moves to another position, tap and hold at the center of the new target. Repeat each time to complete the calibration process.
5. When completed, tap anywhere on the screen.

3.4 Power

To check the remaining power level of your battery:

1. Press the Settings button on your device or tap Settings on the Main screen.
2. Tap the Power Status button on the Settings screen.

3. The Power Status screen will appear showing the remaining power of your battery.

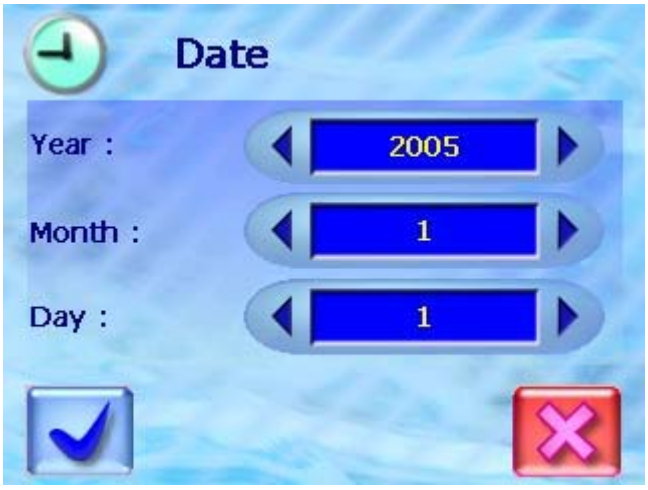
NOTE: If the level of power is too low, be sure to charge the battery with the

AC adapter or the car charger.

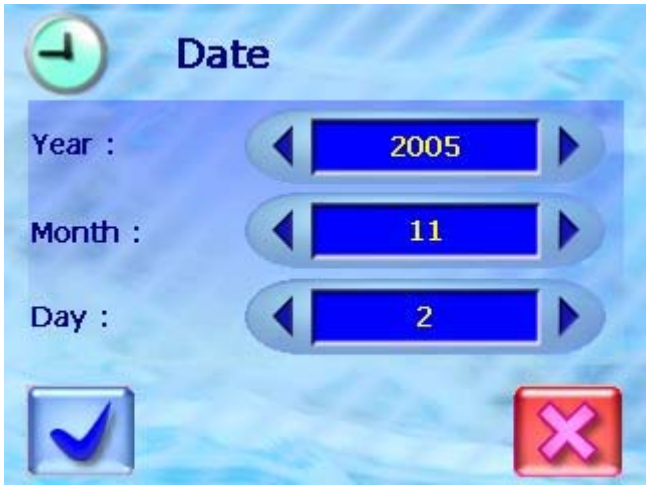
3.5 Clock

To set the clock:

1. Tap Settings on the Main screen.
2. Tap the Clock button on the Setup screen.
3. Tap the Time Zone box to select your time zone.
4. Tap the Date box to set the date.



A calendar will pop up showing day, month and year. Tap the left arrow to go to the earlier month and year or tap the right arrow to select the later month and year.



You can also tap the month and year on top of the calendar to change the

month and year. Then tap the date on the calendar.

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5. Before setting the time, you can tick the 24-hour format box to use 24-hour format. Then tap the item (Hour/Minute/Second) you want to set..

Part II. GPS Navigation

Part II tells you how to use the GPS navigation function.

4. Navigation Basics

In this chapter you will learn how to start GPS positioning, select origin
(starting point) and destination (end point). Then, you can begin your journey with the navigation program to guide you down the road.

4.1 Before You Start

Before you begin navigation, you must have the right map preinstalled in your flash card.

Inserting the Flash Card

Insert the SD/MMC card into the slot, with the connector pointing to the slot and its label facing the front of the device.

Checking the Map Data

You can check the map data using Switch Map function. If your SD/MMC card includes the map you need, use Switch Map function to switch to the correct map.

4.2 Starting GPS Navigation Software

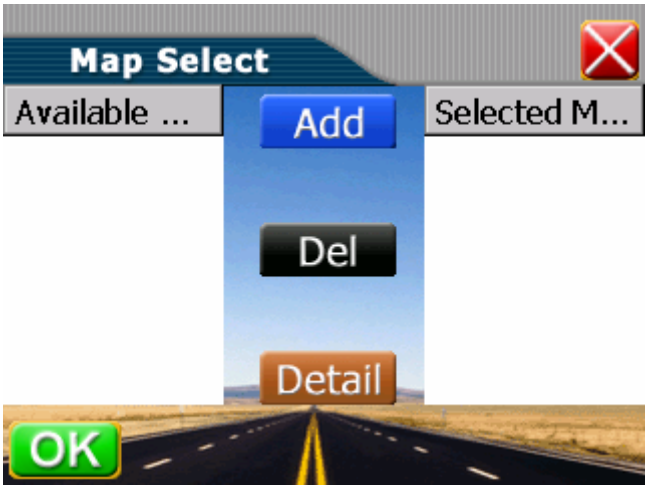
1. Make sure that an SD/MMC card with map data is inserted and that either

external power is available or the battery has power.

2. Rotate the GPS antenna of your device to the horizontal position. This allows the receiver to receive signals from the GPS satellites overhead.

   NOTE: When in poor reception areas, for better signal reception, you may choose to use an optional external antenna.

3. Press the power button on the device to start the system. If you see another program rather than the Main screen (such as Settings, or the MP3 player), you will need to exit that program and go back to the Main screen.
4. Tap the Navigator button to start the navigation program
5. Check your map data. If the SD/MMC card has the maps you want, just tap the map name (from the top list) and then tap Switch Map at the top of the screen to switch to that map.



Introducing Map Screen

Main Menu

You can access many functions of your Navigation device from the Main Menu. To access the Main Menu, press the Menu button located at the bottom left of the Map Screen after starting your device.

The following functions/submenus can be accessed from the Main Menu by pressing the respective icons on the screen:

⌘ Map View
Return to the Map Screen.

⌘ Destinations
Begin planning a route to a Point of Interest, Address, City Center, Cross Road, Favorite Place or a Recent Destination.

⌘ GPS Info
Opens the GPS Information page. This is where you can find information about every visible satellite in the local area and contains a graphical view showing the location of each satellite. You will also find information about the quality of GPS reception, your current location and altitude.

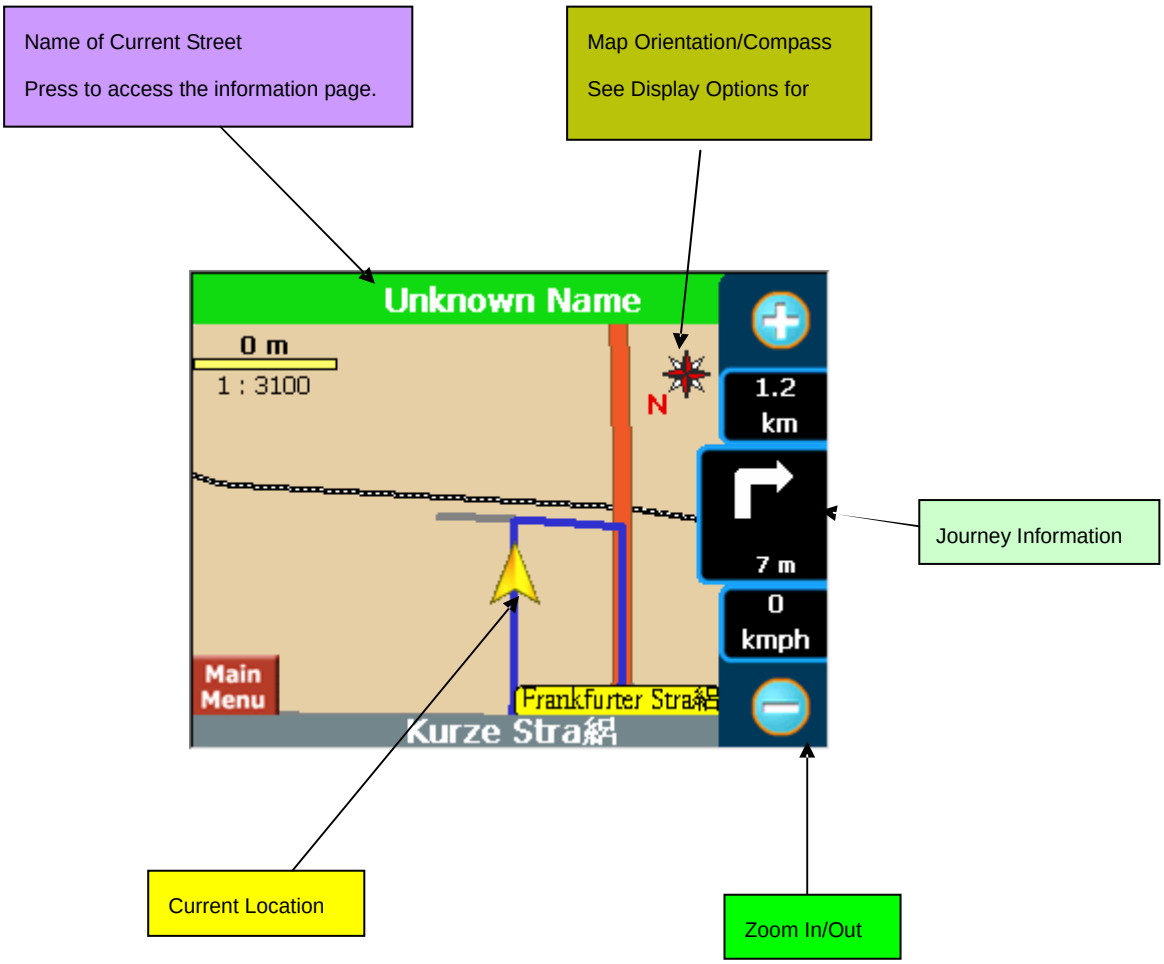
⌘ Settings
Opens the Settings page. This is where you can set Route Options , Display Options and so on.

For more information about each option, refer to the relevant sections later in this user manual.

Introducing Map Screen

The Map Screen is what you will be seeing for most of the time while you are using your navigator device. The automatically loads the Map Screen when it is turned on. To access the Map Screen from the Main Menu, press the Map Screen button. Like a normal map, the Map Screen contains all the information you will need to help you reach your destination.

Note: To navigate through a certain area, you must have the map of that area stored in your device, either in the built-in flash memory or in the external SD cards that can be purchased separately.



The Map Screen contains the following functions/information:

⌘ Menu
This button will load the Main Menu. Refer to the Menu Section for more information.

⌘ Zoom In/Out
Changes the current map scale.

⌘ Journey Information
This box will show your current speed, estimated distance to next turn , remaining distance from your destination .

Note: These features are only available when your device is in navigation mode. If your device is not in navigation mode, only your current speed will be displayed.

⌘ Current Street Name
This unit displays the name of the street you are currently on. Pressing here will bring up the Location Information screen that gives you the address, street name, city name and coordinates where applicable.

4.3 Selecting a Destination

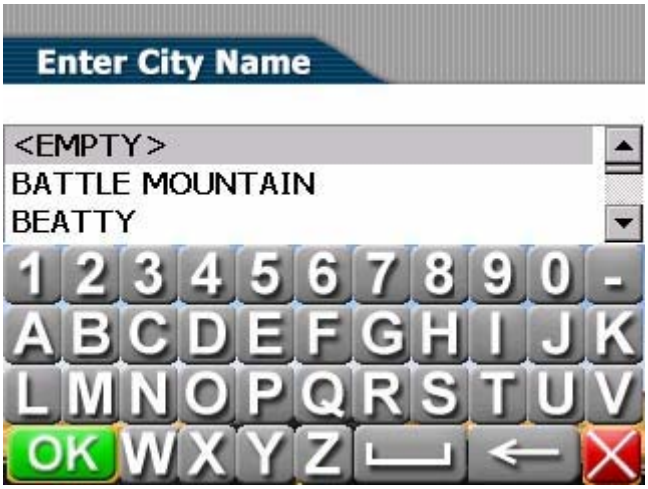
You can easily select a destination from any of the following:

※ A known address, intersection, or zip code
※ A Point Of Interest (POI) from the list
※ A location in Favorites (personal stored locations)
※ An address in History (previous destinations)

Using Address

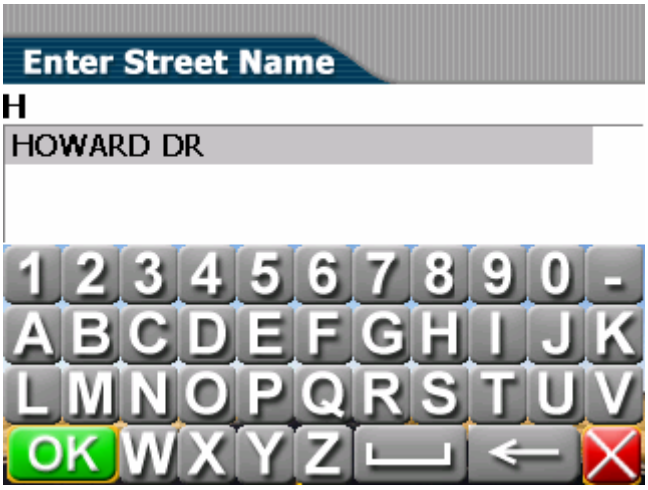
If you have information such as address, intersection, or zip code of your destination, you can use this method to select a location.

Tap City to display a list of city names. You can use the stylus pen to tap the city in the list.



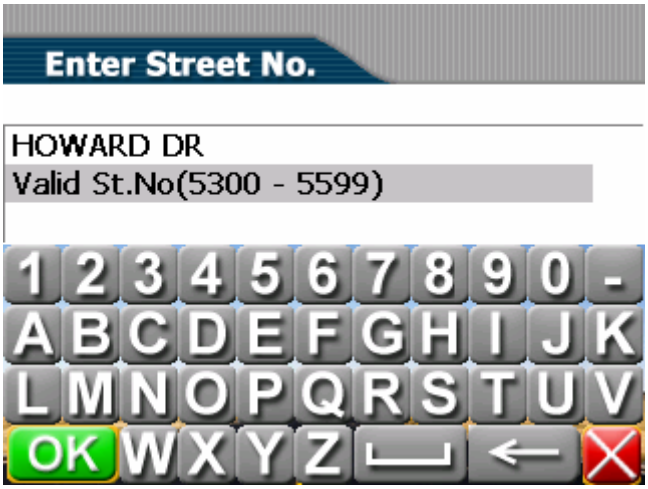
You can also tap the letter button on the soft keyboard to enter the first few letters of the city name. To enter the second or third letter on a button, tap quickly the same button twice or three times. The letters that you have entered will show at the bottom and the highlight will move accordingly. You can then select the city name at any time.

After selecting the city, tap Street at the top of the screen to display a list of street names for the selected city. You can use the stylus pen to scroll through the list. Then select the street name.



You can also use the soft keyboard to enter the first few letters and select the street name as described in the previous step.

After selecting the street, tap Number at the top of the screen, and enter the number using the soft keyboard. You can preview your destination from the map.

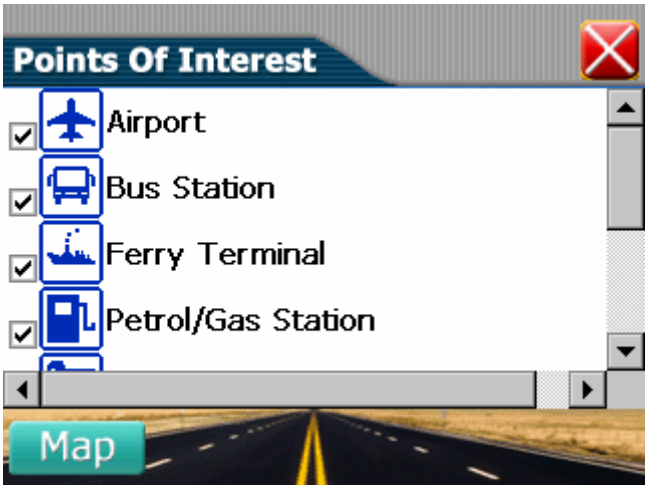


Using Point of Interest (POI)

POI on a map represents local places of interest or importance. POIs are identified on the maps by various icons (e.g. for Banks, or for Restaurants).

Altina Map allows you to choose your destination from a vast database of POIs. POI navigation is especially handy when you need to find a facility, attraction or amenity by the type or sort. For example, you can ask Altina Map to guide you to the closest bank, mall, hotel, restaurant, gas station, etc.

1. Tap POI.
2. In the category list, tap (highlight) the desired category name



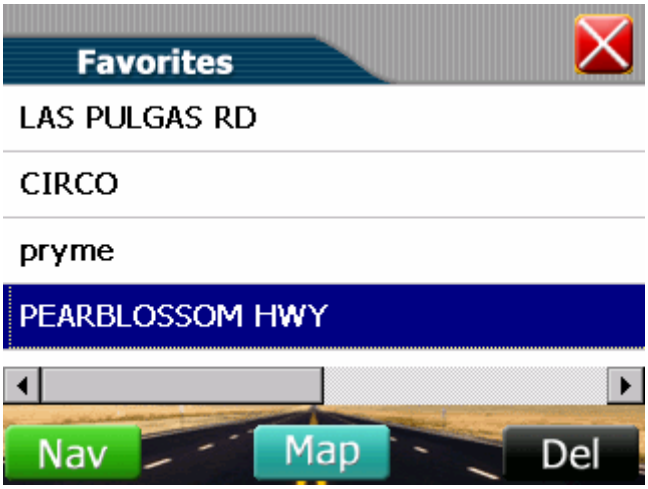
3. Tap Items. The POIs for the selected category are listed in order of distance. To sort them alphabetically, tap the button.

4. Tap (highlight) the desired POI in the list.
   You can also use the soft keyboard to enter the name of the POI. The letters that you have entered will show at the bottom and the highlight will move accordingly. You can then select the POI you want.

Using Favorites

Favorites is a collection of locations previously stored by you for future use. You can select a destination from the list of stored Favorites.

1. Tap Favorites.
2. In the category list, tap (highlight) the desired category name



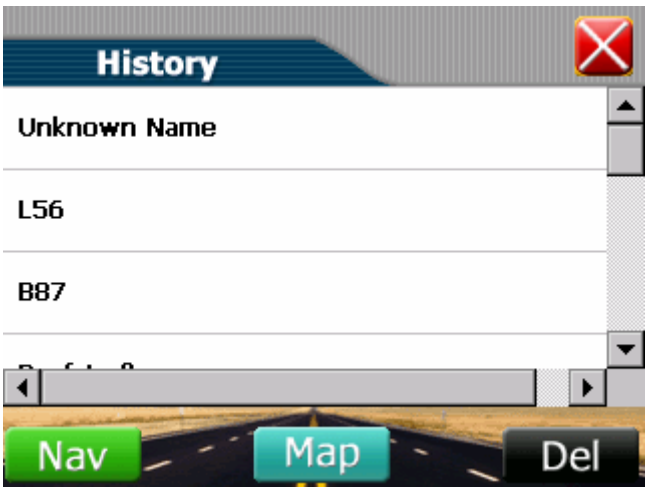
3. Tap Items. The favorite items for the selected category are listed.
4. Tap (highlight) the desired item.
5. You can preview your destination by tapping Map.
6. To calculate the route, tap Nav. The route is shown as a highlighted blue line starting from your origin to your destination.

Using History

Use History to select an existing destination from a list of previously traveled destinations. Altina Map automatically stores the last few destinations in memory.

1. Tap History.

2. Tap (highlight) the desired item in the history list.



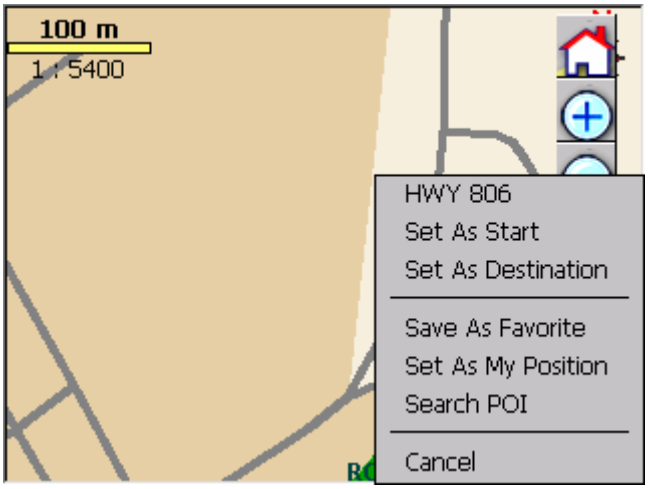
3. You can preview your destination by tapping Map.
4. To calculate the route, tap Nav. The route is shown as a highlighted blue line starting from your origin to your destination.

Using Map Cursor

Map Cursor means using the stylus pen to pinpoint a location on the map and then view details, set as origin, save the location to Favorites or initiate navigation to the location.

Navigate to Map Cursor is especially handy when you want to navigate to a physical location, facility, or attraction by its location on the map rather than by its street address.

1. Use the stylus pen to drag the map to a specific location or intersection of your choice.
2. Tap and hold the location with your stylus pen until the Map Cursor pop-up menu appears.



NOTE: To clear the pop-up menu, just tap the screen anywhere besides the menu.

3. Tap Navigate on the pop-up menu. The route is immediately calculated and shown as a highlighted blue line from your origin

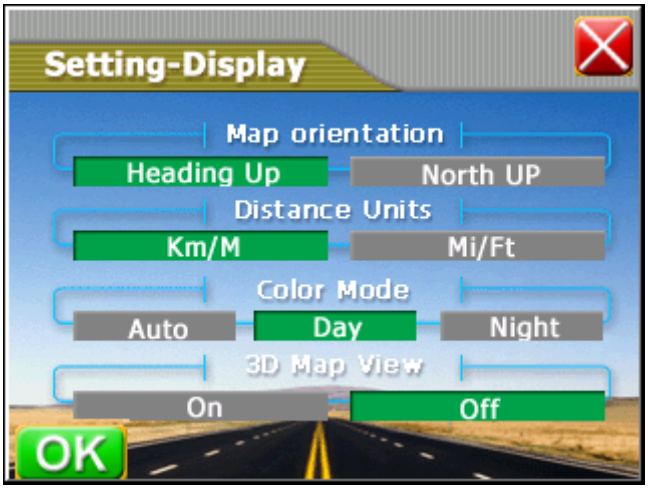
5. Changing Map Views

Altina Map provides different views of the map to enhance your viewing and navigational experience.

5.1 Types of View

You can view the map in one of the two viewpoints: 2D and 3D.

2D View
The default 2D view is the straightforward two-dimensional normal view.
To switch to 2D view, press the Navigate Settings button to open the Display menu and tap off button to 2D mode.

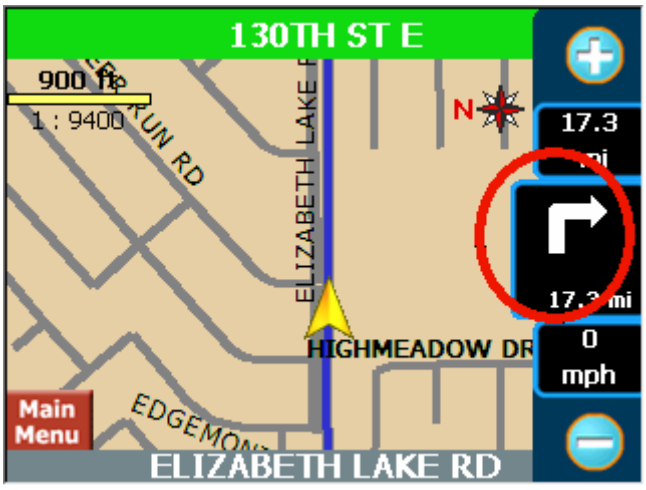


3D View
3D view is a general 3D (three dimensional) viewpoint showing the map in a basic 3D outline.
To switch to 3D view, press the Navigation Settings button to open the Display menu and tap On button in 3D Map View.

5.2 View the Route

After calculating a route, you can view turn-by-turn instructions on the map.

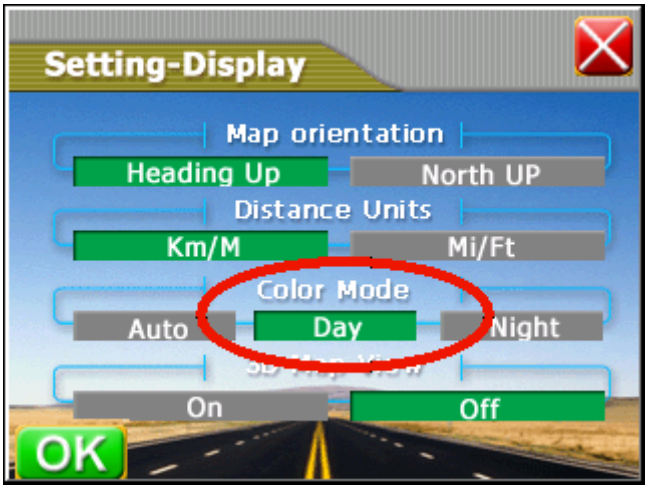
This view indicates the route turn by turn(shown in Red Circle).



5.3 Day/Night Color Skin

Day Color Skin

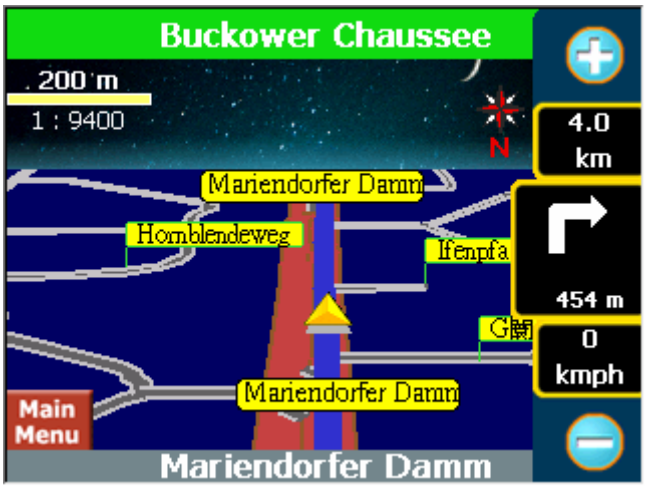
Day Color Skin is the default color scheme of the map. You can open the Display menu and tap Day color skin for daylight driving conditions. Colors are bright and easy to view under most daytime conditions.



Night Color Skin

To change the background color for night time or adverse weather conditions, please open the Display menu and tap Night color skin.

Colors and background are muted to assist night time driving making the route and current position more visible.

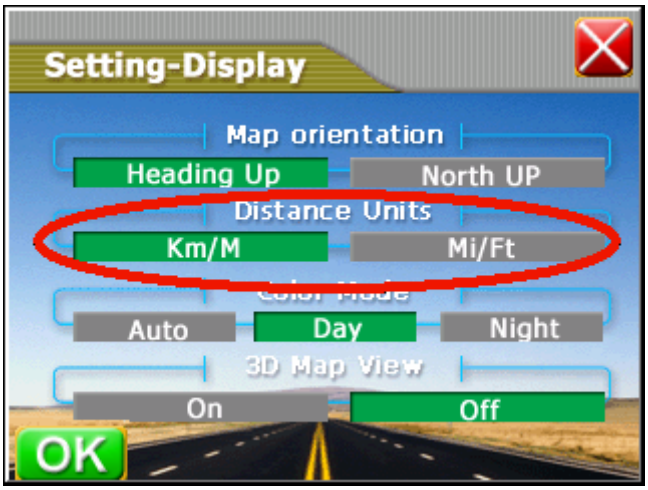


6. Options, Settings, and Preferences

Altina Map initially has certain default settings when it is installed. You can customize the settings to suit your personal needs. Your settings remain until you make a change again.

6.1 General Settings

Please tap Settings to access the following settings:



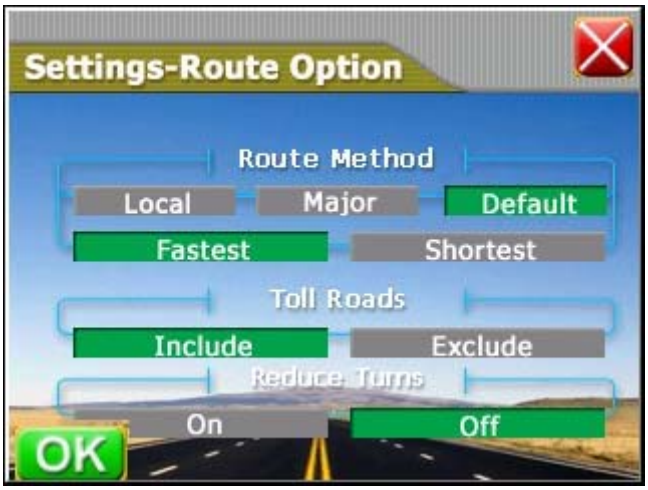
General Settings	Descriptions
Units System	Select distance unit of miles and feet or kilometers and meters to display distances.

6.2 Route Settings

Please tap Route Settings to access the following settings:

Route Settings	Descriptions
Routing Method	**Fastest**-Selects the quickest route that is available (not necessarily the shortest route). **Shortest**-Selects the shortest route that is available (not necessarily the quickest route). **Major**-Your route will rely on the main roads/freeways/motorways in the vicinity.

	Local-Your route will rely on the minor roads in the vicinity.
Toll Roads	**Include**-The route will pass through any toll roads. **Exclude**-The route will not pass through any toll roads.
Reduce Turn	**Enable**-When enabled, your A600 will minimize the number of turns required when planning your route. **Disable**



6.3 Alert Settings

Please tap Alert Settings to access the following settings:

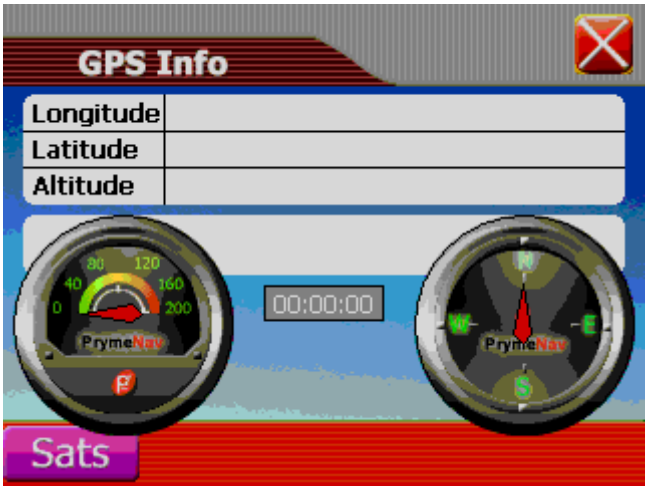
When enabled, Speed Alert will notify you with an audio message and a visual message on the map screen when you exceed the target speed. To access the Speed Alerts menu, press the Speed Alerts button on the Main Menu. You can set your warning speed using the one of two methods mentioned below:

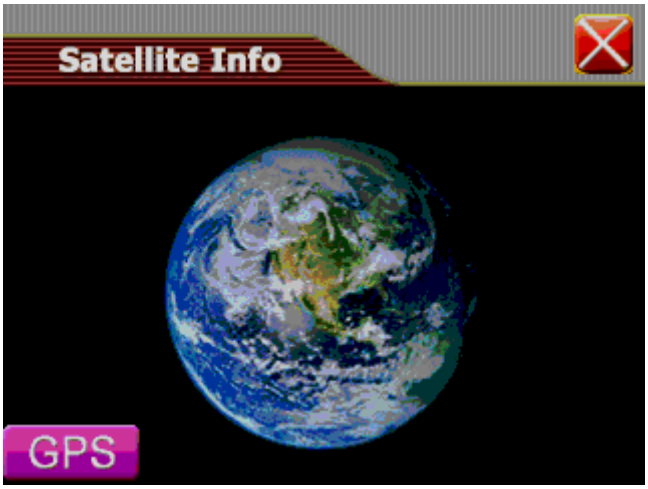
Alert Settings	Descriptions
Enable Fixed Speed Alert	You can define a fixed warning speed using the onscreen keypad shown below

To set a speed limit, check the Enable Auto Speed Alert box, or check the Enable Fixed Speed Alert box and enter the target speed using the onscreen keypad. To save your changes, press OK and you will return to the Map Screen. To cancel your selection, press cancel and you will return to the Map Screen.

6.4 GPS Status

Please tap GPS Status to check the current GPS status. You can also tap the in the bottom right corner of map screen to directly access the status screen.





The GPS Information screen contains information about the current satellite coverage, current time, universal time, the quality of the signals received and the status of the GPS receiver. To access the GPS Information page, press the GPS Info button on the Main Menu. These are categorized into the following catergories:

※Universal Time Coordinated (UTC) Time

This is the time used by the atomic clocks found in satellites, and is commonly referred to as GMT or Zulu time. This universal time standard uses the time at Greenwich, U.K as a reference. This box gives the GMT date and time.

※Location

The location box expresses the current coordinates of the GPS receiver in latitudinal and longitudinal coordinates (requires GPS fixes from 3 or more satellites). The altitude is also given if satellite coverage is sufficient (4 or more). The location box gives the speed the GPS receiver is traveling, and the number of satellites the GPS receiver is receiving signals from versus the total number of satellites that is available in the local area.

※NMEA

The NMEA box displays GPS information using the standard NMEA-0183 data transmission protocol developed by the National Marine Electronics Association (http://www.nmea.org). NMEA-0183 uses ASC-II characters and transmits data at 4800 baud.

※Location of Satellites

This screen displays the coordinates of the satellites available in the local area and the corresponding signal strengths. Satellites are numbered from 0-31. The satellites that your A600 receives strong, stable signals from are used to fix the location of the GPS receiver. These satellites are highlighted in green. The satellites that are highlighted in red indicate that although your A600 is receiving signals from that particular satellite, the signals received are not used to fix the position of the GPS receiver because they could be too unstable or weak. Satellites that are not highlighted indicate that the GPS receiver is not receiving any signals from it.

※Received Signal Quality

The signals received from the GPS satellites are displayed in a bar graph next to the satellite location map showing the quality of the signal, which is quantified. This graph is also used to show the number of satellites the GPS receiver is receiving signals from. Green bars indicate that the signals from that particular satellite are used to fix the position of your A600. White bars indicate that the signals from that particular satellite are too weak or unstable to be used to fix the position of your A600.

To leave the GPS Information screen, press the red button marked with X at the bottom right of the screen to return to the Map Screen.

Part III. More Tools

Part III introduces MP3 Player, Photo Viewer, Mpeg 4 Video Play, Calculator, etc

7. Using MP3 Player

This chapter tells you how to play MP3 files using your device

The MP3 Player program turns your device into an MP3 player. It features:

※ Playback of MP3 and WAV files
※ Basic playback controls such as play, pause, stop, next and previous
※ Graphic equalizer settings with 17 presets
※ Playback includes single selection playback, repeat, single repeat, sampling playback, normal sequence and random sequence.
※ Play list support

7.1 Starting and Exiting MP3 Player

Tap MP3 Player on the Main screen to switch to the program.

The control panel will appear on the screen. You can now easily control the MP3 player by tapping the control buttons.

To exit the program, just ta in the lower right of the screen.

7.2 Preparing MP3 Files for Your Device

With the card reader, you can easily copy MP3 files from your computer to a storage card. The MP3 Player can detect MP3 files in all folders of a storage card.

7.3 Playing MP3 Files

1. Tap the MP3 Player button on the Main screen to switch to the program
2. To start the playback, tap To control the playback, use the control

buttons as described later.

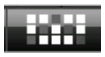
※NOTE: When files are added to the play list, the play list is automatically saved when you exit MP3 Player.

3. To exit the program, tap at the top of the toolbar. You will return to the Main menu.

7.4 MP3 Playback Control

You can control the MP3 Player via control buttons. See the table below for details:

Control Button	Name	Description
	Play	Play the playback.
	Stop	Stop the playback.
	Previous	Move to the previous file.
	Next	Move to the next file.
	Volume	Decrease the volume. The indicator on the upper right corner of the

		panel will show the current volume level.
	Volume	Increase the volume. The indicator on the upper right corner of the panel will show the current volume level.
	Repeat all	Repeat all
	Single playback	Single playback
	Random	Random sequence
	Play List	Open play list.
		Info Check version
	Exit	Exit MP3 Player

7.5 Using Play List

Once the MP3 player is open, by default the system will automatically load all MP3 files in the play list. If you wish to create your own play list, follow the instructions below:

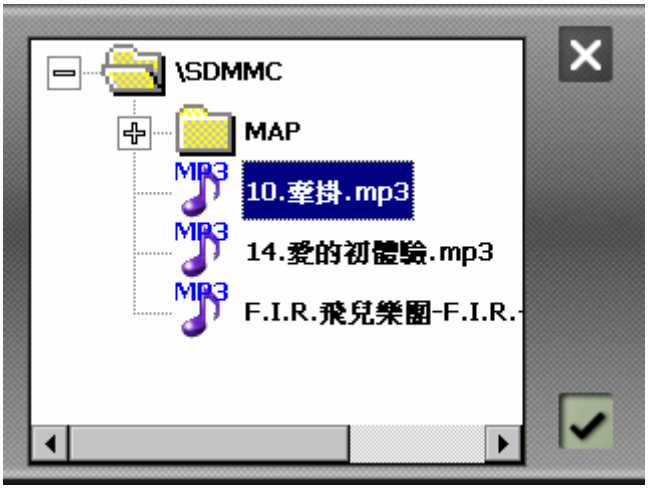
1. To create your own play list in MP3 Player, tap on the right toolbar.

2. You can use the following buttons to add or delete songs in your play list：

※Add Song

Add a new song to your play list. Tap Add Song icon.

3. Choose a song that you wish to add to your play list . Tap Add Song butto at the bottom of the screen. The new song will appear in your play list.



3. Delete Song

Remove one song from your play list. Choose a song that you wish to delete and tap Delete Song icon .

4. Delete All

Remove all songs from your play list. Tap Delete All ico on the right toolbar. All songs in your play list will be removed.

5. To return to the control panel, tap on the right toolbar.

8. Using Video Player

This chapter tells you how to play Video files using your device

The Video Player program turns your device into an Video player. It features:

※ Playback of WMV, ASF and AVI(Microsoft format) files

※ Basic playback controls such as play, pause, stop, next and previous

※ Playback includes single selection playback, repeat, single repeat, sampling playback, normal sequence and random sequence.

※ Play list support

8.1 Starting and Exiting Video Player

Tap Video Player on the Main screen to switch to the program.

The control panel will appear on the screen. You can now easily control the Video player by tapping the control buttons.

To exit the program, just ta in the lower right of the screen.

8.2 Preparing Video Files for Your Device

With the card reader, you can easily copy Video files from your computer to a storage card. The Video Player can detect Video files in all folders of a storage card.

8.3 Playing Video Files

1. Tap the Video Player button on the Main screen to switch to the program
2. To start the playback, tap To control the playback, use the control buttons as described later.

※NOTE: When files are added to the play list, the play list is automatically saved when you exit MP3 Player.

3. To exit the program, tap at the top of the toolbar. You will return to the Main menu.

8.4 MP3 Playback Control

You can control the MP3 Player via control buttons. See the table below for details:

Control Button	Name	Description
	Play	Play the playback.
	Stop	Stop the playback.
	Pause	Pause the playback
	Previous	Move to the previous file.
	Next	Move to the next file.
	Volume	Decrease the volume. The indicator on the upper right corner of the panel will show the current volume level.
	Volume	Increase the volume. The indicator on the upper right corner of the panel will show the current volume level.
	Repeat all	Repeat all

	Single playback	Single playback
	Random	Random sequence
	Play List	Open play list.
	Info	Check version
	Exit	Exit MP3 Player

8.5 Using Play List

Once the Video player is open, by default the system will automatically load all Video files in the play list. If you wish to create your own play list, follow the instructions below:

1. To create your own play list in Video Player, tap 圖示。

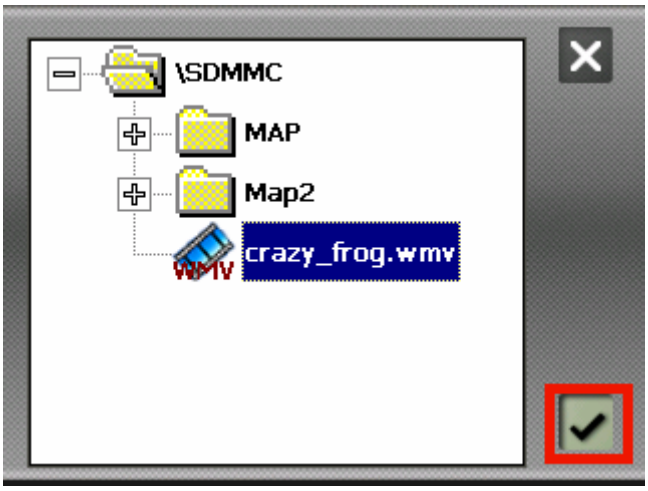
2. You can use the following buttons to add or delete songs in your play list：

※Add file

Add a new file to your play list. Tap Add file icon

on the right toolbar.

3. Choose a file that you wish to add to your play list . Tap Add file button at the bottom of the screen. The new video file will appear in your play list.



4. Delete file

Remove one file from your play list. Choose a file that you wish to delete and tap Delete file icon.

5. Delete All

Remove all files from your play list. Tap Delete All ico on the right toolbar. All files in your play list will be removed.

6. To return to the control panel, tap on the right toolbar.

9. Using Photo Player

This chapter tells you how to play Photo files using your device

The Photo Player program turns your device into an Photo player. It features:

※ Playback of JPEG files

※ Basic playback controls such as the picture with zoom in/out, rotation in full screen.

※ Playback includes single selection playback, repeat, single repeat, sampling playback, normal sequence and random sequence.

※ You may browse through the pictures in different modes, file explore mode, thumbnail mode, full screen mode and slide show mode.

9.1 Starting and Exiting Photo Player

Tap Video Player on the Main screen to switch to the program.

9.2 Photo View Program

The control panel will appear on the screen. You can now easily control the Photo player by tapping the control buttons.

To exit the program, just tap in the lower right of the screen.

9.3 Preparing Photo Files for Your Device

With the card reader, you can easily copy Photo files from your computer to a storage card. The Photo Player can detect Photo files in all folders of a storage card.

9.4 Photo Playback Control

You can control the Photo Player via control buttons. See the table below for details:

控制鈕	名稱	說明
	Back	Back to previous layer
	Play	Play slide show
	Previous	Back to previous page
	Next	Forward to next page
	Info	Check version

	Exit	Exit the program
	previous	Play the previous file
	next	Play the next file
	Zoon in	Zoom in the photo
	Zoom out	Zoom out the photo
	Display	Normal Display
	Right Rotate	Play file in Right Rotation
	Left Rotate	Play file in Left Rotation

9.5 Display Mode

You may browse through the pictures in four different modes, file explore mode, thumbnail mode, full screen mode and slide show mode.

File explore mode

1. Tap Photo Player on the Main screen to switch to the program.
2. The default screen will show the explore mode of data structure and include all folders and files in the SD/MMC card.

Thumbnail Mode

1. Tap Photo Player on the Main screen to switch to the program.
2. When you browse the files of the folder, the relative photo files will be shown in thumbnail mode of the windoow.

Full screen mode

1. Tap Photo Player on the Main screen to switch to the program.
2. Tap the photo file in the window and double click.

3. The selected file will be shown in full screen mode.

4. The photo program will automatically detect the photo files of your flash cards. If you are going to browse the next photo, please tap icon and it will show the next image. If you are going to browse the previous photo, please tap icon and it will show the previous image.

5. To return to the control panel, tap on the right toolbar.

🗔 Slide Show Mode

1. Tap Photo Player on the Main screen to switch to the program.
2. Tap the photo file in the window and double click.

3. Tap icon and it will show the photos in slide show.
4. The photo program will play the photos in full screen.
5. The slide show mode will afford more than 10 different transition effects and will make your slide show more outstanding.

9.6 Browse Photo

It supports 24 -bit true color images. You can browse the picture with zoom in/out, rotation in full screen

Full screen

Zoom in/out

1. Tap Photo Player on the Main screen to switch to the program.
2. Tap the photo file in the window and double click it.

3. Tap icon and you may browse the photo in zoom in mode.

4. Tap icon and you may browse the photo in zoom out mode.

Photo browse in Rotation

1. Tap Photo Player on the Main screen to switch to the program.
2. Tap the photo file in the window and double click it.

Add 2 Landscape mode (rotate left & right) in image view

3. Tap icon，it will show the rotated image turn-in right.

4. Tap icon，it will show the rotated image turned-in left.